

PERSONAL INFORMATION

Henrique Andrade Proença da Cunha



📍 Coimbra, Portugal

📞 (+351) 913 867 178 📞 (+351) 239 724 264

✉️ henriquepcunha@gmail.com

Date of birth June 2nd 1993

Nationality Portuguese

EDUCATION

1999 - 2011	Studied at Colégio da Rainha Santa Isabel
2011	Graduated from Colégio da Rainha Santa Isabel (secondary level/high school diploma)
2011-to date	Enrolled for the Integrated Master's degree in Medicine at the University of Coimbra (Portugal) Application Grade 19.23/20.00 (Currently a 5 th year student of this 6 years Medical Degree)
2013/2014	Studied at Universität zu Köln (Cologne, Germany) under the Erasmus Programme
2016	Studied at Rīgas Stradiņa universitāte (Riga, Latvia) under the Erasmus Programme

COLLABORATION ON SCIENTIFIC RESEARCH PROJECTS

2010	▪Gonçalves, C(Universidade do Minho); Ferreira, M F M(Universidade do Minho); Santos, A C(Universidade de Coimbra); Prata, M I M(Universidade de Coimbra); Gerales, C F G C(Universidade de Coimbra); Martins, J A(Universidade do Minho); Gama, F M(Universidade do Minho). Studies on the biodistribution of dextrin nanoparticles. Nanotechnology, v. 21, n. 29, p. 295103-295103, 2010. ISSN/ISBN: 0957-4484; DOI: doi:10.1088/0957-4484/21/29/295103.
2010/2011	▪ Citotoxicity/viability and adhesion studies using rat peritoneal macrophages and human fibroblasts, respectively, to test PCL Scaffolds with modified surfaces. These experiments were conducted under the supervision of Prof. AC Santos, Faculty of Medicine, University of Coimbra, in 2011/2012 for a Master's thesis presented at the Institute Politécnico de Leiria. ISSN/ISBN: 0957-4484; DOI: doi:10.1088/0957-4484/21/29/295103.
2011	▪ B Oliveira, C Roma, H Cunha. Cytotoxicity of new biomaterials for cell culture – macrophages, fibroblasts and osteoblasts (supervised by Prof. AC Santos, Faculty of Medicine, University of Coimbra) ▪ Pinto, S.(Universidade de Coimbra); Alves, P.(Universidade de Coimbra); Matos, C.M.(Universidade de Coimbra); Santos, A.C.(Universidade de Coimbra); Rodrigues, L.R.(Universidade do Minho);Teixeira, J.A.(Universidade do Minho); Gil, M.H.(Universidade de Coimbra). Poly(dimethyl siloxane) surface modification by low

pressure plasma to improve its characteristics towards biomedical applications. *Colloids and Surfaces B: Biointerfaces*, v. 81, n. 1, p. 20-26, 2010. ISSN/ISBN: 09277765; DOI: doi:10.1016/j.colsurfb.2010.06.014.

- 2011
- Pinto, S.(Universidade de Coimbra); Alves, P.(Universidade de Coimbra); Santos, A. C.(Universidade de Coimbra); Matos, C. M.(Universidade de Coimbra); Oliveiros, B.(Universidade de Coimbra); Gonçalves, S.(Universidade do Minho); Gudiña, E.(Universidade do Minho); Rodrigues, L.R.(Universidade do Minho); Teixeira, J. A.(Universidade do Minho); Gil, M. H.(Universidade de Coimbra). Poly(dimethyl siloxane) surface modification with biosurfactants isolated from probiotic strains. *Journal of Biomedical Materials Research Part A*, v. 98, n. 4, p. 535-543, 2011. ISSN/ISBN: 15493296; DOI: doi:10.1002/jbm.a.33146.
- 2012/2013
- H Cunha. Assessment Of Cytotoxicity Of Specially Tailored Solid Lipid Nanoparticles For Controlled Drug Release As Therapeutic Agents Aimed At Pulmonary And Breast Cancer
(supervised by Prof. AC Santos, Faculty of Medicine, University of Coimbra)
- 2014 to date
- Assesment of *in vitro* and *in vivo* cytotoxicity of an “improved” endodontic sealer. Pereira, S. (2), Santos, J. M. (3), Oliveiros, B. (1), Cunha, H. P. (1), Bites, C. (3), Sequeira, D. (3), Santos, A. C. (1).
 - Assessment of cellular adhesion, proliferation and differentiation in scaffolds for bone reconstruction in dentistry
 - Pereira, S. (2), Oliveiros, B. (1), Cunha, H. P. (1), Coimbra, P. (4), Figueiredo, M. (4), Santos, A. C. (1).
 - Green Tea Epigallocatechin-3-Gallate (EGCG) - Efficiency In Prevention And Therapy Of Colorectal Cancer. Cunha, H. P. (1) Pereira, S. (1,2), Oliveiros, B. (1), Santos, A. C. (1)
- (1) Biophysics Department, IBILI, Faculty of Medicine, University of Coimbra, Portugal. Azinhaga de Santa Comba, Celas, 3000-548, Coimbra, henriquepcunha@gmail.com.
(2) Physics Department, Faculty of Science and Technology, University of Coimbra, Apartado 3046, 3001-401, Coimbra, Portugal.
(3) Dentistry Department, Faculty of Medicine, University of Coimbra.
(4) Chemical Engineering Department, Faculty of Science and Technology, University of Coimbra.

INTERNSHIPS

- 2013
- Plastic Surgery Clerkship at Hospital S. José (Lisbon, Portugal)- “Curso de introdução à Clínica Páscoa 2013” – Reconstructive Plastic Surgery and Burnt Centre
- 2014
- Plastic Surgery Clerkship at Plastische Chirurgie, Wiederherstellungs- und Handchirurgie Schwerstverbranntenzentrum des Krankenhauses Merheim (Köln, Deutschland) – 3 Weeks.
- 2015
- Radiology Clerkship at Allgemeines Krankenhaus der Stadt Wien (AKH). Vienna, Austria. 2nd – 31st of August 2015. Professional Exchange organised by the International Federation of Medical Students Associations (IFMSA).
- 2016
- Plastic Surgery Research Clerkship at Salvador Zubirán National Institute of Health Sciences and Nutrition (Mexico City, Mexico), focusing on facial composite tissue allotransplantation. 28th June – 28th of July 2016. Research Exchange organised by the International Federation of Medical Students Associations (IFMSA).

WORK EXPERIENCE

- 2012**
- Organiser of an European Medical Students' Association (EMSA) Twinning Project between the Faculty of Medicine of the University of Coimbra and the Medical Faculty of Kocaeli University, Turkey.
- 2012-2015**
- Collaborator at the Department of International Mobility of NEM/AAC (Núcleo de Estudantes de Medicina da Associação Académica de Coimbra - Medical Student Association of the University of Coimbra).
 - Speaker Task Force of the Medical Conference "In4med IV" (Coimbra, Portugal, 20-22 February 2015).
 - Volunteering work at an association for people with cerebral palsy (APCC- Associação de Paralisia Cerebral de Coimbra); 2015 March 30 – 05 April; Coimbra, Portugal.
- 2015**
- Speed Dater at "Speed Dating com os Universitários" – Event involving talking to a broad range of people from 12 year children to Journalists, as a chosen representative of the Faculty of Medicine of University of Coimbra. Activity at the event "Grande Laboratório 7"; 2015 June 6; Barcelos, Portugal.
 - Organiser of an European Medical Students' Association (EMSA) Twinning Project between the Faculty of Medicine of the University of Coimbra and the Faculty of Medicine of the Semmelweis University; 2015 September-October; Coimbra, Portugal and Budapest, Hungary.
 - Coordenator of the Department of International Mobility of NEM/AAC (Núcleo de Estudantes de Medicina da Associação Académica de Coimbra - Medical Student Association of the University of Coimbra)
 - Local Officer on Research Exchange for the Faculty of Medicine of the University of Coimbra at the National Association of Medical Students (ANEM)

PERSONAL SKILLS

Mother tongue(s)	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
Portuguese					
Other language(s)					
English	C2	C2	C2	C2	C2
Cambridge ESOL Level 3 Certificate in ESOL International					
German	B2.1	B2.1	B2.1	B2.1	B2.1
Deutschkursen für ERASMUS-Studierende, Programm-Studierende und Gastwissenschaftler/innen der Universität zu Köln					
French	A1	A1	A1	A1	A1
Levels: A1/2: Basic user - B1/2: Independent user - C1/2 Proficient user Common European Framework of Reference for Languages					
Currently developing Russian and Spanish language skills.					

- Communication skills
- Team spirit and cooperation, able to maintain good relations with different people in formal and informal contexts, good discussion and dialog capacities
 - Ability to adapt to new contexts and multicultural environments, personal, professional or academic
 - Fluidity in verbal communication as well as good learning ability
 - Initiative, responsibility and respect for the work of others

Computer skills	<ul style="list-style-type: none"> ▪ Skilled user of Operating systems domain (Windows™) and user perspective-oriented software such as Microsoft Office™ software. ▪ Design of flyers and posters ▪ In General, does not reveal difficulties in the use of computers or other IT devices
Driving licence	<ul style="list-style-type: none"> ▪ Driving licence category B/B1

ADDITIONAL INFORMATION

Honours and awards

2011	<ul style="list-style-type: none"> ▪ “Prémio de Mérito Ana Maria Javouhey”- awarded by Colégio da Rainha Santa highschool ▪ “Prémio Excelência no Ensino”- awarded by the City Council of Coimbra ▪ “Diploma de mérito Clínicas Leite”- awarded by Clínicas Leite <p>(Prizes awarded for graduating from Colégio da Rainha Santa Isabel with the highest grade of the finalists class of the year 2011)</p>
2013	<ul style="list-style-type: none"> ▪ Special "Nanotoxicology" Poster Award by BioNanoNet (1st prize - http://www.bionanomed.at/index.php?id=6) <p>Viability and cytotoxicity assays of novel anti-neoplastic nanoparticle formulations for peritoneal rat macrophages</p> <p>A.C. Santos (1)*, V.L. Silva(1), H.P. Cunha(1), A. Arranjo(2), D. Rafael(2), B. Oliveiros(1) and M. A. Videira(2)</p> <p>(1) Biophysics Department, IBILI, Faculty of Medicine, University of Coimbra, Portugal. Azinhaga de Santa Comba, Celas, 3000-548, Coimbra, acsantos@fmed.uc.pt.</p> <p>(2) iMed.Ul –Research Institute for Medicines and Pharmaceutical Sciences, School of Pharmacy, Lisbon, Av. Professor Gama Pinto, 1649-003 Lisbon, Portugal, mvideira@ff.ul.pt.</p>
2015	<ul style="list-style-type: none"> ▪ Best Poster in the field of Medicine. <p>Green Tea Epigallocatechin-3-Gallate (EGCG)- A Promising Agent For Reduction Of Colorectal Cancer Cells' Viability. Poster session presented at: I Concurso de Posters Científicos AstraZeneca. III AEICBAS Biomedical Congress</p> <p>Cunha, H. P. (1)*, Pereira, S. (1,2), Oliveiros, B. (1), Santos, A. C. (1)</p> <p>(1) Biophysics Department, IBILI, Faculty of Medicine, University of Coimbra, Portugal. Azinhaga de Santa Comba, Celas, 3000-548, Coimbra, henriquepcunha@gmail.com.</p> <p>(2) Physics Department – Faculty of Science and Technology, University of Coimbra, Apartado 3046, 3001-401, Coimbra, Portugal.</p>

Conferences

- 2011
 - “O Direito à Liberdade de Aprender e Ensinar”- conference held by Gabriel Nissim, President of the Human Rights Grouping of INGOs. 2011 January 8th; Coimbra, Portugal.
- 2013
 - “In4med II – SOU MÉDICO E AGORA?” – including the following Workshops: “Medicine in war times”, “Computer-Brain Interface”, “Intoxications” and “Clinical Hipnosis”; 2013 February 15-17; Coimbra, Portugal.
- 2015
 - In4med IV; 2015 February 20-22; Coimbra, Portugal.
 - Grande Laboratório 7; 2015 June 6; Barcelos, Portugal.
 - III Congresso Naturales Medicinæ; 2015 October 23-25; Oporto, Portugal.

Seminars

- 2014
 - “The medical expert intervention in situations of mass disasters and Human Rights infringement.” CENCIFOR. 2014 November 7; Coimbra, Portugal.
 - “Sexual assault crimes and examination of victims of aggression.” CENCIFOR. 2014 November 21; Coimbra, Portugal.
 - “Domestic violence: the medical expert intervention.” CENCIFOR. 2014 November 5; Coimbra, Portugal.

Courses

- 2010
 - Biodistribution studies and radiolabelling quality control of radiopharmaceuticals, in the context of Practical classes of the discipline: Introduction to Nuclear Chemistry and Radiopharmacy, Integrated Master of Biomedical Engineering, 2nd semester 2009/2010.
(Prof. Ana Cristina Santos, Faculty of Medicine, University of Coimbra)
- 2010
 - “Curso de Verão medicina@uc2010” - Medical Summer Course at the University of Coimbra, aimed at highschool students. 2010 July 18-23; Coimbra, Portugal.
 - Basic Life Support Training
- 2012
 - “XI Dissection Course for 1st Year Medical Students”
- 2015
 - “Training New Trainers” workshop at the International Federation of Medical Students’ Associations (IFMSA); 2015 March 20-22; Coimbra, Portugal.

Posters

- Viability and cytotoxicity assays of novel anti-neoplastic nanoparticle formulations for peritoneal rat macrophages. Poster session presented at: 4th International Congress BioNanoMed 2013; 2013 March 13-15; Krems, Austria.
-
- 2013
- A.C. Santos (1)*, V.L. Silva(1), H.P. Cunha(1), A. Arranjo(2), D. Rafael(2), B. Oliveiros(1) and M. A. Videira(2)
- (1) Biophysics Department, IBILI, Faculty of Medicine, University of Coimbra, Portugal. Azinhaga de Santa Comba, Celas, 3000-548, Coimbra, acsantos@fmed.uc.pt.
- (2) iMed.UL –Research Institute for Medicines and Pharmaceutical Sciences, School of Pharmacy, Lisbon, Av. Professor Gama Pinto, 1649-003 Lisbon, Portugal, mvideira@ff.ul.pt.
- Green Tea Epigallocatechin-3-Gallate (EGCG) Cytotoxicity Assessment: Efficiency In Prevention And Therapy Of Colorectal Cancer. Poster session presented at: I Concurso de Posters Científicos AstraZeneca. IV In4Med; 2015 February 20; Coimbra, Portugal.
- 2015
- Cunha, H. P. (1)*, Pereira, S. (1,2), Oliveiros, B. (1), Santos, A. C. (1)
- (1) Biophysics Department, IBILI, Faculty of Medicine, University of Coimbra, Portugal. Azinhaga de Santa Comba, Celas, 3000-548, Coimbra, henriquepcunha@gmail.com.
- (2) Physics Department – Faculty of Science and Technology, University of Coimbra, Apartado 3046, 3001-401, Coimbra, Portugal.
- Green Tea Epigallocatechin-3-Gallate (EGCG) - A Promising Agent For Reduction Of Colorectal Cancer Cells' Viability. Poster session presented at: I Concurso de Posters Científicos AstraZeneca. III AEICBAS Biomedical Congress; 2015 March 20-22; Oporto, Portugal.
- 2015
- Cunha, H. P. (1)*, Pereira, S. (1,2), Oliveiros, B. (1), Santos, A. C. (1)
- (1) Biophysics Department, IBILI, Faculty of Medicine, University of Coimbra, Portugal. Azinhaga de Santa Comba, Celas, 3000-548, Coimbra, henriquepcunha@gmail.com.
- (2) Physics Department – Faculty of Science and Technology, University of Coimbra, Apartado 3046, 3001-401, Coimbra, Portugal.

Oral Communications

- EGCG do Chá Verde - Um Agente Natural Contra O Cancro Colo-Rectal. Oral Communication session presented at: III Congresso Naturales Medicinae; 2015 October 25; Oporto, Portugal.
- 2015
- Cunha, H. P. (1)*, Pereira, S. (1,2), Oliveiros, B. (1), Santos, A. C. (1)
- (1) Biophysics Department, IBILI, Faculty of Medicine, University of Coimbra, Portugal. Azinhaga de Santa Comba, Celas, 3000-548, Coimbra, henriquepcunha@gmail.com.
- (2) Physics Department – Faculty of Science and Technology, University of Coimbra, Apartado 3046, 3001-401, Coimbra, Portugal.

Publications

- Endodontic sealers in dentistry - in vitro and in vivo cytotoxicity studies

Published in June 2016 in the first number of the Polymer Science Book Series titled "Polymer science: research advances, practical applications and educational aspects" (a divulgation/educationally-oriented publication on Polymers and related topics)

S. Pereira (1), H. P. Cunha (2), J. M. Santos (3), D. Sequeira (3), C. Brites (3), P. Coimbra (4), M. M. Figueiredo (4), A. C. Santos (2)

2016

(1) Biophysics Department, IBILI, Faculty of Medicine, University of Coimbra, Portugal. Azinhaga de Santa Comba, Celas, 3000-548, Coimbra, Portugal.

(2) Biophysics and Biomathematics Institute, IBILI-Faculty of Medicine, University of Coimbra, Azinhaga de Sta Comba – Celas, 3000-548 Coimbra, Portugal.

(3) Department of Dentistry, Faculty of Medicine, University of Coimbra, Av. Bissaya Barreto, Bloco de Celas, 3000-075 Coimbra, Portugal

(4) Dept. of Chemical Engineering, Faculty of Sciences and Technology, University of Coimbra, Rua Silvio Lima, Pólo II 3030-790 Coimbra, Portugal.